

Work Order ID 128051 - 2

128051

Tuesday, December 23, 2014 10:03:16 AM

Mid. Jar

Page 1

Item ID: D135-692-011

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Bearpaw

SPLIT
①

Start Date: 12/23/2014 Start Qty: 3.00

3

Cust Item ID:

Required Date: 12/31/2014 Req'd Qty: 3.00

3

Customer:

Reference:

Run Start *NR1*

Approvals: Process Plan: *MMF.*

Date: *14-12-23*

Tooling:

Date:

Stop *NR2*

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3049	Rev A1								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D135-692-011	CHG002							
150	Pick Kit	0.00							
150									
Packaging	Memo	0.00							
Packaging									
160	QC4- 100% Inspect kits for completeness	0.00							
160									
QC	Memo	0.00							
Quality Control									

1x

DAS
43

JAN 16 2015

\$

JAN 14 2015

DAS
06
8-50

DAS
28
9-80

1x

DAS
43

JAN 16 2015

Work Order ID 128051

128051

Page 2

Tuesday, December 23, 2014 10:03:16 AM

Item ID: D135-692-011

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Bearpaw

Start Date: 12/23/2014 Start Qty: 3.00

3

Cust Item ID:

Required Date: 12/31/2014 Req'd Qty: 3.00

3

Customer:

Reference:

Run Start

NR1

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop

NR2

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
170	Packaging	0.00				(18)	DAS 43		JAN 16 2015
170									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D135-692-011								
	Location: _____								
	PPP Rev: _____								
180	QC21- Final Inspection - Work Order Release	0.00							
180									
QC	Memo	0.00							
Quality Control									

MLJ 15-01-16

15-1-16

Picklist Print

Tuesday, December 23, 2014 10:03:14 AM

Page 1

Work Order ID: 128051

128051

Parent Item: D135-692-011

D135-692-011

Parent Item Name: Bearpaw

Start Date: 12/23/2014

Required Date: 12/31/2014

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:C04.02.17Blank size changed, Tolerance added Step
3KJ/JLM IPP REV:E AS PER DSI
9592/9587 REV A JLM VERIFIED BY:EC
IPP Rev:D 08-04-16 Added Step 2 JLM Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN4-13A

Purchased

No

Each

270.0000

24

AN4-13A

Bolt

**

Location

Loc Qty

Loc Code

FG

20

122808

20

GA

43

m130325

43

ST325A

207

m130716

207

160

f

171.0000

2

6

D2182B

Manufactured

No

**

Location

Loc Qty

Loc Code

ST411

171

115189

171

160

Each

524.0000

8

24

(D2182B060) Cut 4 at 6.00"

D2274

Manufactured

No

**

Location

Loc Qty

Loc Code

FG

12

86855

12

ST012a

512

121589

299

124363

213

D2274

Radius Block

JAN 13 2015

Picklist Print

Tuesday, December 23, 2014 10:03:15 AM

Page 2

Work Order ID: 128051

128051

Parent Item: D135-692-011

D135-692-011

Parent Item Name: Bearpaw

Start Date: 12/23/2014

Required Date: 12/31/2014

Start Qty: 3.00

Required Qty: 3.00

D2519 Manufactured No 160 Each 53.0000 4 12

D2519

Clamp

**

Location	Loc Qty	Loc Code
ST542	53	
101510	8	
110683	35	
62078	4	
99606	6	

~~13~~ 4

DAS
28
9-89

D2529 Manufactured No 160 Each 191.0000 8 24

D2529

Washer

**

Location	Loc Qty	Loc Code
ST007	191	
119633	191	

21 8

JAN 13 2015

D3049-1 Manufactured No 160 Each 0.0000 2 6

D3049-1

Bearpaw

**

128052

DAS
06
9-89

DAS
28
9-89

DAS
28
9-89

Picklist Print

Page 3

Tuesday, December 23, 2014 10:03:15 AM

Work Order ID: 128051

128051

Parent Item: D135-692-011

D135-692-011

Parent Item Name: Bearpaw

Start Date: 12/23/2014

Required Date: 12/31/2014

Start Qty: 3.00

Required Qty: 3.00

MS21042L4

Purchased

No

160

Each

3,915.000

8

24

MS21042L4

Locknut

DAS
45

Location

Loc Qty

Loc Code

FP001

42

m124231

42

GA

704

m127813

704

ST260a

2000

m130799

2000

ST305

1169

426

426

m128300

8

m129934

235

m130922

500

24

NAS1149D0463J

Purchased

No

160

Each

6,337.000

8

24

NAS1149D0463J

WASHER

DAS
46

Location

Loc Qty

Loc Code

CA

397

M129682

397

GA

408

M129390

408

ST260a

1153

M129390

1153

ST269

4379

M128591

8

M129390

12

M130799

4359

24

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Tuesday, December 23, 2014 10:03:15 AM

Shop Packet Print

Page 3

Picklist Print

Page 4

Tuesday, December 23, 2014 10:03:15 AM

Work Order ID: 128051

128051

Parent Item: D135-692-011

D135-692-011

Parent Item Name: Bearpaw

Start Date: 12/23/2014

Required Date: 12/31/2014

Start Qty: 3.00

Required Qty: 3.00

QS100-M24S

Purchased

No

160

Each

30.0000

4 12

QS100-M24S

**

Clamp

JAN 13 2015

DAS
46
S-12

Location

Loc Qty

Loc Code

ST544

30

M128880

30

5. Additional AN960JD416 washers may be installed under the nuts to ensure 1.5-4 threads in safety on the bolts. Although not generally necessary, it is also acceptable to replace the AN4-15A bolts with longer or shorter AN4 bolts, if required.
6. Lower the aircraft

4. WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D135-692-011 Bearpaw Installation on model EC135 aircraft	11.8 lb 5.36 kg	0.0 in 0.0 m	0.0 lb-kp 0.0 m-kp	199.7 in 5.07 m	2356 in-lb 27.2 m-kp

5. PARTS LIST

Qty	Part Number	Description
X	D135-692-011	BEARPAW INSTALLATION
4	D2182B060	RUBBER CUSHION
8	D2274	RADIUS BLOCK
2	D3049-1	BEARPAW
8	D2529	WASHER
4	D2519	CLAMP
8	AN4-15A	BOLT
8	AN960JD416	WASHERS
8	MS21042L4	NUT (OR MS21042-4)
4	QS100M24S	CLAMP

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D135-692 REV. A AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D135-692 REV. 0
REF. FAA STC: SR01042SE

PURPOSE:

The purpose of this service instruction is to replace the AN4-15A Bolt with a shorter AN4-13A Bolt to facilitate installation.

CHANGE:

REFERENCE ONLY

JAN 16 2015

5. PARTS LIST (IIN-D135-692)
32.4 PARTS LIST (ICA-D135-692)

Qty	Part Number	Description
X	D135-692-011	BEARPAW INSTALLATION

DAS
46
129

IS:

8	AN4-13A	BOLT
---	---------	------

WAS:

8	AN4-15A	BOLT
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Figure 2 of IIN-D135-692 and Figure 32-2 of ICA-D135-692 are amended as follows:

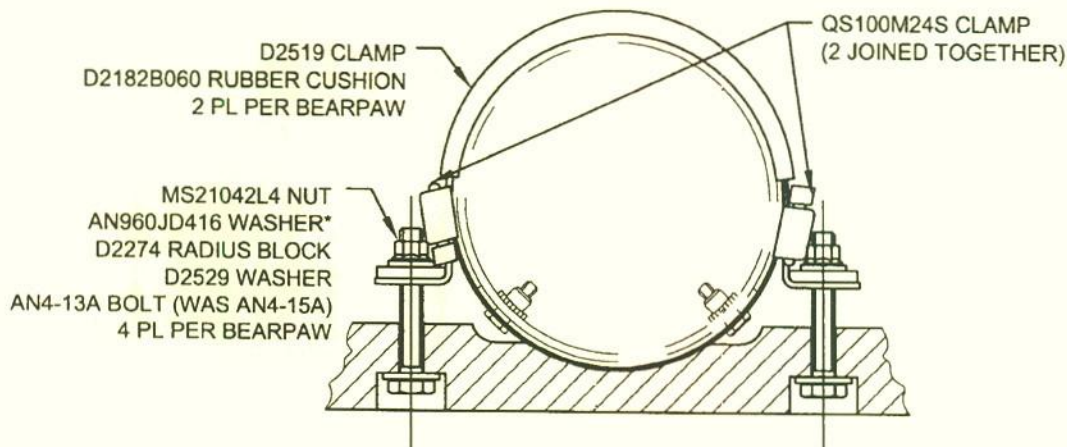


Figure 2 - Bearpaw Installation (IIN-D135-692)
Figure 32-2: Bearpaw Installation (ICA-D135-692)

A	NEW ISSUE	(REF: PAR10-56)	MB	11.12.13
REV.	DESCRIPTION		BY	DATE
DESIGN		DART AEROSPACE USA, INC KENT, WA		
DRAWN				
CHECKED		DRAWING NO.	REV. A	
MFG. APPR.	N/A	DSI 9587	SHEET 1 OF 1	
APPROVED		TITLE	SCALE	
DE APPR.		BOLT CHANGE	NTS	
DATE	11.12.13	COPYRIGHT © 2011 BY DART AEROSPACE USA, INC		
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